SLM ENGINEERS
Structural Engineers | Welding inspectors | Steel specialists
10740 NW 17th St, Plantation, FL 33322

Date: 10/10/2020

PRODUCT EVALUATION REPORT.

Florida Product Approval: FL21056

Product Manufacturer: Continental Glass Systems Inc.
325 West 74th Place
Hialeah, FL 33014

Product Category: Exterior Doors

Product Sub-Category: Sliding Exterior Door Assembly

Product Name: Series 2200 Aluminum Sliding Glass Door- NI
(Impact)
209.25" x 122.50"

Building Code: Florida Building Code, 7th Edition (2020), Chapter 16 & 24

Scope:

This is a Product Evaluation Report issued by Soumel Loriga, P.E. (FL # 77736) for Continental Glass Systems Inc. based on Method la of the State of Florida Product Approval, Department of Business and Professional Regulation - Florida Building Commission.

Soumel Loriga, P.E. does not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the current Florida Building Code.

See Installation Instructions CGS139 FL21056- 2200 SERIES NI 10-08-20 SS, signed and sealed by Soumel Loriga, P.E. (FL # 77736) for specific use parameters.

Limits of Use:

1. This product has been evaluated and is in compliance with the current Florida Building Code, including the "High Velocity Hurricane Zone" (HVHZ).

2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment into substrate material shall be beyond wall dressing or stucco.

3. When used in areas requiring wind borne debris protection this product complies with Chapter 16 of the current Florida Building Code and does require an impact resistant covering.

Limits of Use (Cont.:)

4. Site conditions that deviate from the details of drawing CGS139 FL21056- 2200 SERIES LMI 10-08-20 SS require further engineering analysis by a licensed engineer or registered architect.

5. See Installation Instructions CGS139 FL21056- 2200 SERIES NI 10-08-20 SS for size and design pressure limitations.

Performance Testing Standards:

The product described herein has been tested per:
• TAS 202-94

Quality Assurance:

The manufacturer has demonstrated compliance of products in accordance with the Florida Building Code for manufacturing under a quality assurance program audited by an approved quality assurance entity through National Accreditation & Management Institute (FBC Organization #: QUA1789).

Reference Data:

1. Product Testing performed by Fenestration Testing Lab.
(FBC Organization # TST1657)
Report #: FTL-5857, Report Date: 09/09/09

2. Certification Agency
National Accreditation & Management Institute
(FBC Organization #: CER1773)

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Installation: Through Frame Installation:

A. For concrete or masonry substrate where one by (1X), non-structural, wood bucking is employed, use (1) 5/16" diameter Elco Ultracon or Dewalt UltraCon concrete screw anchor per location of sufficient length to achieve minimum embedment of 1.75" into concrete or masonry.

B. or concrete or masonry substrate where wood bucking is NOT employed, use 5/16" diameter Elco UltraCon or Dewalt Ultracon type concrete screw anchors of sufficient length to achieve minimum embedment of 1.75" into concrete or masonry.

Refer to Installation Instructions (CGS139 FL21056- 2200 SERIES NI 10-08-20 SSS) for anchor spacing and more details of the installation requirements.

Design Pressure: Refer to Installation Instruction drawings for allowable wind pressures.

Please call or email with any questions

SOUMEL LORIGA
LICENSE
No. 77736
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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Soumel Loriga

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DN: CN=Soumel Loriga, OU=A01410C0000017408717C1900043C39, O=SLM Engineers LLC, C=US
Reason: I have reviewed this document
Date: 2020.10.29 15:29:03-04'00'

Respectfully,

Soumel Loriga, P.E.
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